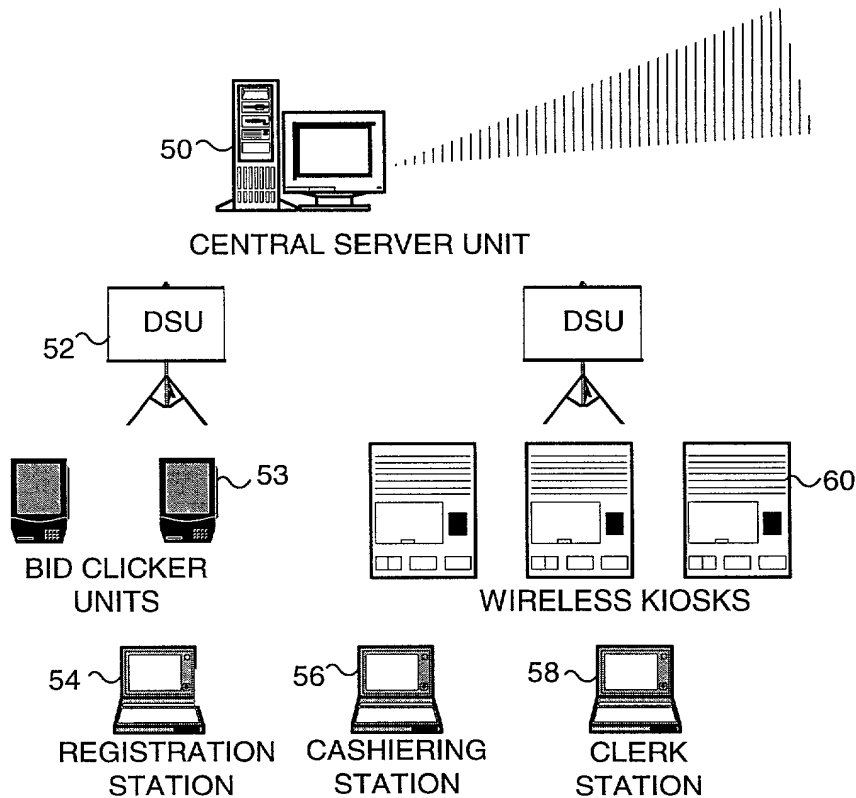


**FIG. 1**

**FIG. 2**



70

**Bidpath**

Register • Sign in • My Activities • Update Account • Home Help

Welcome! You are not signed in.

**Search the Auctions** 72

Enter Keywords

☐ Include description in search 74

Search by:

Auction house

(All Auction Houses)

Category

(All Categories) 76

Search

**Featured Auctions**

Name of Auction / Date	Description	Auction House
<b>Kenmore Consignment Auction</b> Sunday, January 30, 2000 12:00 AM PST		James G. Murphy Co.
<b>Metal Fabricators, Inc.</b> Monday, February 07, 2000 12:00 AM PST		James G. Murphy Co.
<b>BrightWork Auction</b> Monday, February 28, 2000 12:00 AM PST		James G. Murphy Co.

78

[All Auctions](#)

**Getting Started**

- How to register and bid
- Searching auctions
- Frequently asked questions
- About Bidpath

**Sign In** First time? Register

Bidpath Name

Password

**Main Categories**

**Heavy Equipment**

Earth Movers Fork Lifts Misc Heavy Equipment

**Electronic Test Equipment**

Oscilloscopes Logic Analyzers Misc Test Equipment

**Food and Chemical Processing**

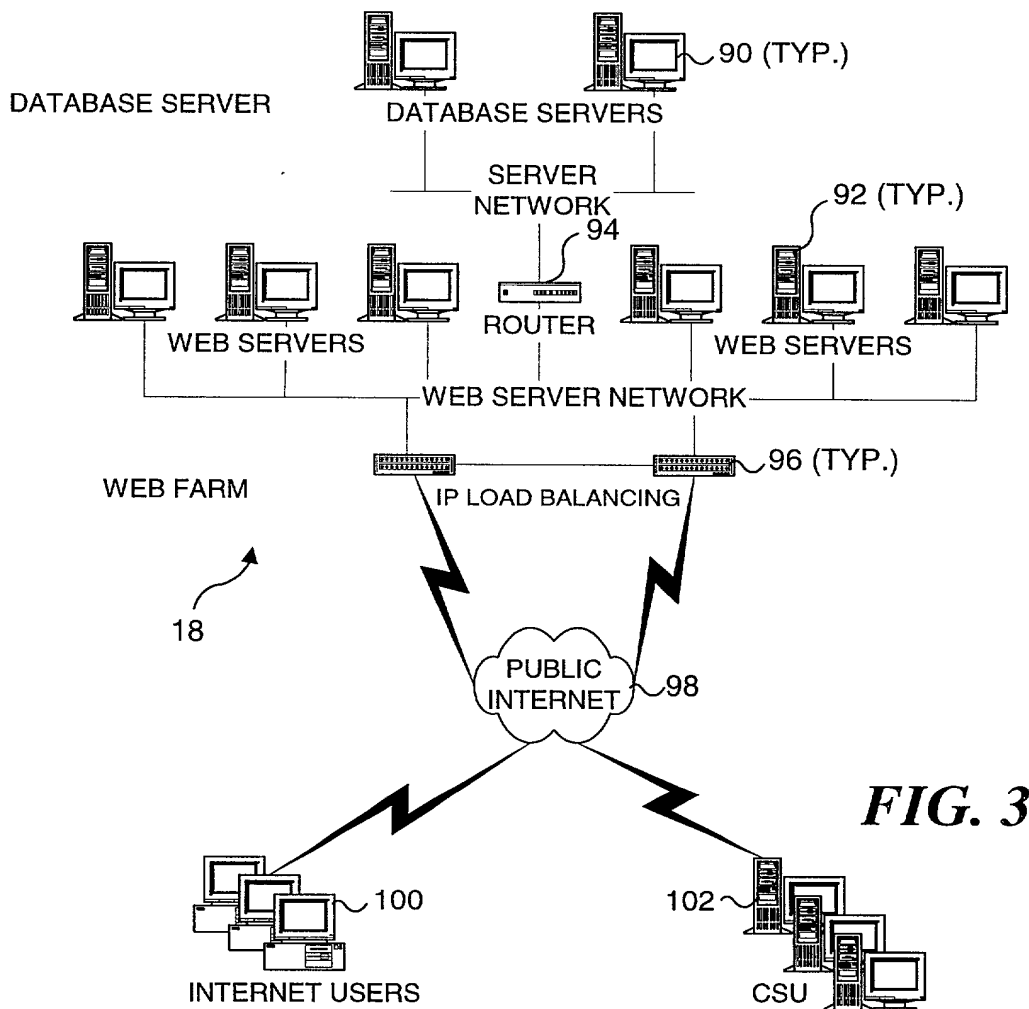
Conveyors Pumps Crushers CNC Cutters

**Automobile**

**Antiques**

80

**FIG. 4**




**FIG. 3**


Address: E:\BidPath\Docs\HTML\Bidpath\_Bidding.html

## Bidpath.com

Register • Sign in • My Activities • Update Account

Pacific Machines		Auction 1		Bid		Auction 2		Bid		Auction 3	
Auction House: <b>James G. Murphy, Inc.</b>	Metal fabricating equipment and tools.	Item:	<b>Quincy QNW490B</b>	Top Bidder:	Frank Gorshun	Bid Amount:	<b>\$10,550</b>	Item:	<b>Quincy QNW490B</b>	Top Bidder:	Frank Gorshun
			Previous Bids:		Previous Bids:		Previous Bids:				
			Sally Fields	\$10,000	Sally Fields	\$10,000	Sally Fields	\$10,000			
			Fred Rodgers	\$9,500	Fred Rodgers	\$9,500	Fred Rodgers	\$9,500			
			Grady Templeton	\$9,450	Grady Templeton	\$9,450	Grady Templeton	\$9,450			
Description:		Air compressor built in 1985. Operates on 120v.		Description:		Air compressor built in 1985. Operates on 120v.		Description:		Air compressor built in 1985. Operates on 120v.	

Airplane Auction		Auction 1		Bid		Auction 2		Bid		Auction 3	
Auction House: <b>Airplane Auctioneers</b>	Various corporate and private aircraft	Item:	<b>Quincy QNW490B</b>	Top Bidder:	Frank Gorshun	Bid Amount:	<b>\$10,550</b>	Item:	<b>Quincy QNW490B</b>	Top Bidder:	Frank Gorshun
			Previous Bids:		Previous Bids:		Previous Bids:				
			Sally Fields	\$10,000	Sally Fields	\$10,000	Sally Fields	\$10,000			
			Fred Rodgers	\$9,500	Fred Rodgers	\$9,500	Fred Rodgers	\$9,500			
			Grady Templeton	\$9,450	Grady Templeton	\$9,450	Grady Templeton	\$9,450			
Description:		Air compressor built in 1985. Operates on 120v.		Description:		Air compressor built in 1985. Operates on 120v.		Description:		Air compressor built in 1985. Operates on 120v.	

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**FIG. 6**

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print File Discuss

Address http://localhost/bidpath/registration.asp?status=1&returnPath=home.asp

**Bidpath** Register • Sign in • My Activities • Update Account • Home Help

**Registration – Step 2 of 3**

Please fill out the information below as completely and accurately as possible. Be sure to include any fields marked with the \* symbol. Once the form is completed, click the 'Next' button to continue.

**Personal Information** Fields marked \* are required.

First Name:

Middle Init/Name:

Last Name:

Address:

Country:

Address 1:

Address 2:

Address 3:

City:

State/Province:

Zip/Postal Code:

Important! Use the same address as printed on the statement for the credit card you will be using.

**FIG. 5A**

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print File Discuss

Address http://localhost/bidpath/registration.asp?status=1&returnPath=home.asp

**Bidpath.com - Microsoft Internet Explorer**

Evening Phone:

Fax:

**Shipping Address** (if different)

Country:

Address 1:

Address 2:

Address 3:

City:

State/Province:

Zip/Postal Code:

**Credit Card Information** Fields marked \* are required.

Card Type:

Name On Card:

Card Number:

Expiration Month:

Expiration Year:

[About Credit Card Security](#)

Next Cancel

**FIG. 5B**

110

Register • Sign in • My Activities • Update Account

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**Bid!**

ar: Gorshin

Bid Amount: **\$10,550**

Bids:

- ds \$10,000
- gers \$9,500
- mpleton \$9,450
- ort \$9,400

**Auction 2**

Item: Quincy QNW490B

Bid Amount:

Current Bid: **\$10,700** (10:02 AM Pacific)


Bid Type:

**Auction 3**

Item: Quincy QNW490B

Top Bidder: Frank C

Previous: Sally Field, Fred Rodg, Grady Ter, Martin Sh



Description: Air compressor built in 1985. Operat

tes on 120v.

**FIG. 7**

134





Register • Sign in • My Activities • Update Account

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**Bidpath.com**

Search Results [All Auctions :: Machinery]

Keywords:  Auction house: (All Auction Houses) Category: (All Categories)

Item	Photo	Description	Auction
MUBEA Vario-Cut 900		Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323	<b>Pacific Machines</b> (09/10/1999 8:00AM PST) Auctioneer <b>James G. Murphy</b>
MUBEA Vario-Cut 900		Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323	<b>Pacific Machines</b> (09/10/1999 8:00AM PST) Auctioneer <b>James G. Murphy</b>
MUBEA Vario-Cut 900		Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323	<b>Pacific Machines</b> (09/10/1999 8:00AM PST) Auctioneer <b>James G. Murphy</b>
MUBEA Vario-Cut 900		Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323	<b>Pacific Machines</b> (09/10/1999 8:00AM PST) Auctioneer <b>James G. Murphy</b>

**FIG. 8**

**Cashiering**

# Pacific Antique Auctions

19088 Market Street  
Seattle WA 98102 (206) 555-1234

**Invoice** 2207  
  
**10/13/1999**

**Customer ID:** 23145 152  
**Last Name:** Jackson **First Name:** MaryBeth **Phone:** (206) 555-9876  
154

Item Code	Description	Quantity	Unit Price	Amount
147	Belgium Linen Napkins	2	30.00	60.00
322	Belgium Linen Table Runner	1	65.00	65.00
467	Royal Dalton Asters Teacup with Saucer	1	58.00	58.00

156

**Credit Card** **Check** **Cash**

158

☐ VISA
☐ Master Card
☐ Discover

**Name as on Card:** MaryBeth J. Jackson

**Number:** 1234 3456 5678 6789

**Expiration Date:** 6/2000

**Payment Amount:** 136.95

**TOTAL PAYMENT:** 136.95 161

160

**SubTotal:** 183.00

**Sales Tax:** 15.65

**Buyers Premium:** 18.30

**Invoice Total:** 216.95

**LESS:**

**Deposit:** 80.00

**AMOUNT DUE:** 136.95

164 Find
165 Save
167 Clear
168 Delete
166 Print
169 Close

150

**FIG. 9**





# Pacific Antique Auctions

19088 Market Street  
Seattle, WA 98102

(206) 555-1234

Invoice 2207

10/13/1999

Sold To:

144

Account # 53467

MaryBeth L. Jackson

(206) 555-9876

Item Code	Description	Quantity	Unit Price	Amount
147	Belgium Linen Napkins	2	30.00	60.00
322	Belgium Linen Table Runner	1	65.00	65.00
487	Royal Dalton Asters Teacup with Saucer	1	58.00	58.00

165

162

Sale Terms: VISA

PAYMENT AMOUNT: 136.95

167

166

SubTotal:	183.00
Sales Tax:	15.65
Buyers Premium:	18.30
Invoice Total:	216.95
LESS: Deposit:	80.00
TOTAL:	136.95

FIG. 10

Scheduling

Segment Setup

Channel Setup

DSU Tuning

Advertisement Setup

181

Segment Name

Segment Start

Segment End

Description

Segment 1:

10:00

5 Minutes

Chairs, Table, Television

Segment 2:

After Segment 1

5 Minutes

Antiques, Etc.

Segment 3:

After Segment 2

1 Min After Last Bid

More Stuff

Segment 4:

11:00

5 Minutes

Another Segment

Segment 5:

After Segment 4

Manual End

More Stuff

172

Advertisements

Hartlee Farm Implement

Taylor Ford

176

Legend

Fixed End

Variable End

Advertisement

179

Autoplace Following

178

Default Duration

12 Min

Schedule

	10:30	10:00	11:30	12:00
Channel 1				
Channel 2				
Channel 3				

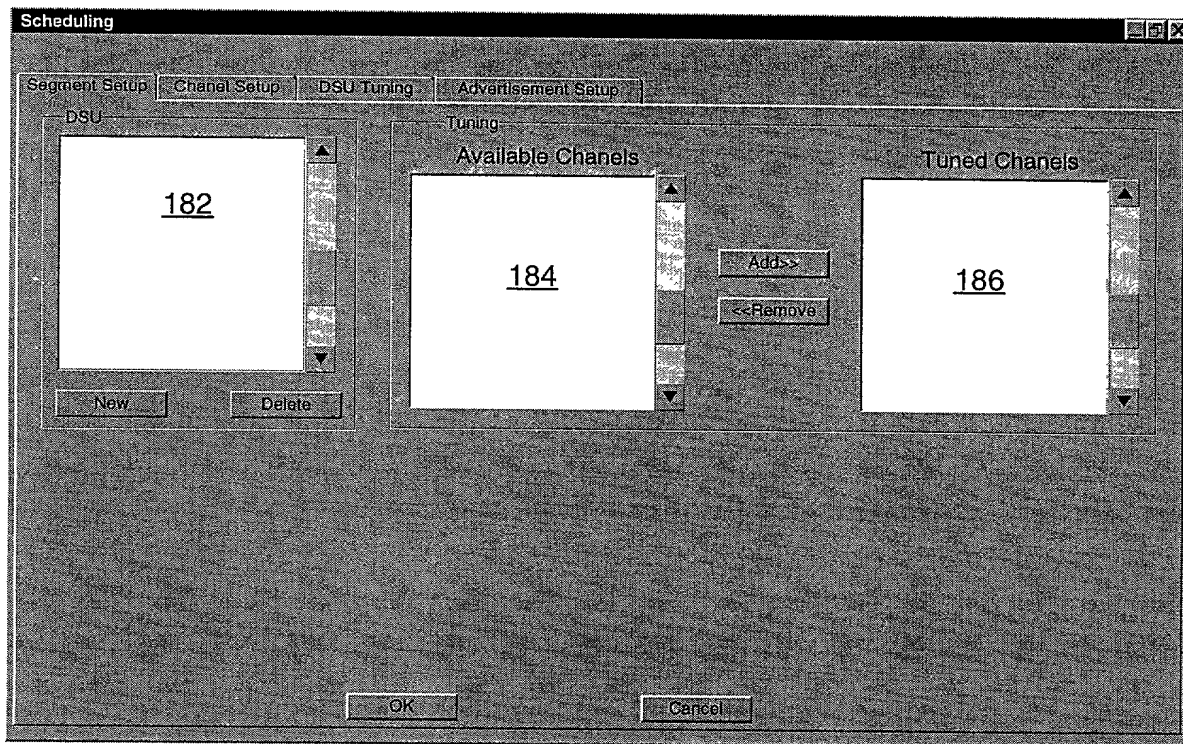
174

OK

Cancel

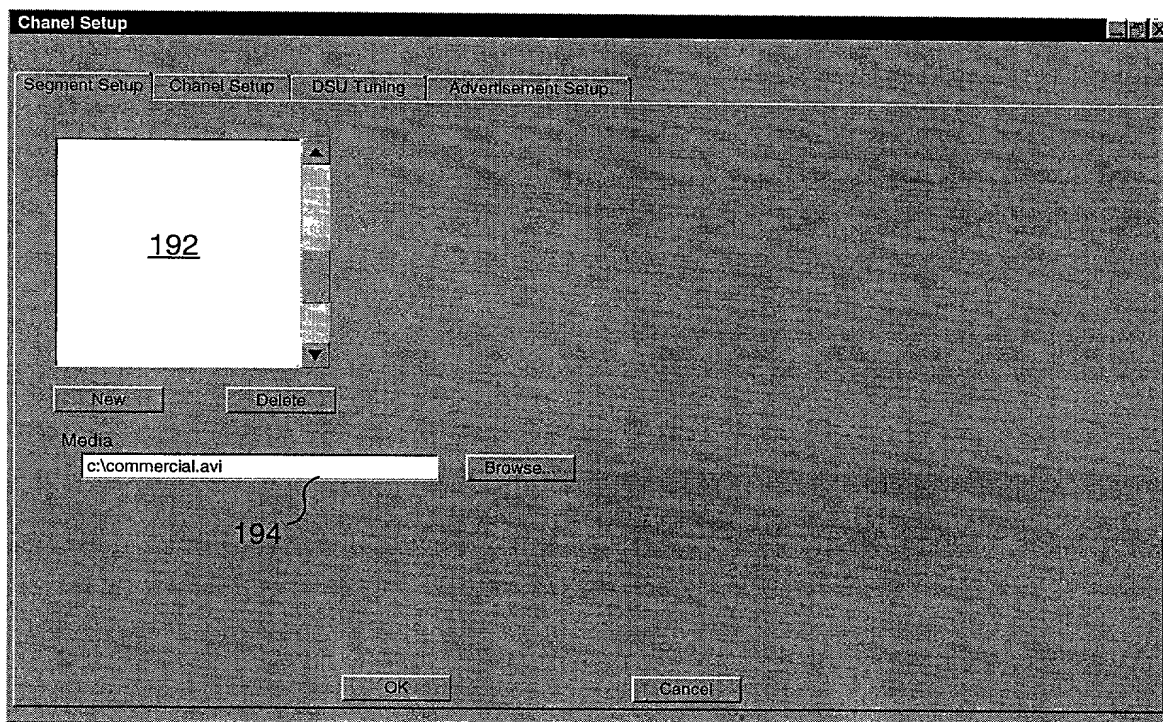
FIG. 11





180

FIG. 12



190

FIG. 13

202  
(Bidpath Corp. logo goes here)

204  
(Additional logo goes here)

206

**MULTIPLE LISTING**

**LOT 200 - JANZEN 3" belt  
sander**

Top Bid - Cathy Stanford -  
\$520      208  
2<sup>nd</sup> Bid - Jerry Houston -  
\$500

**LOT 213-CAROLINA hydraulic  
press**

Top Bid - Ed Fogard - \$500  
2nd Bid - Mike Gardner -  
\$450

**LOT 201-LANGE UGM63 pipe  
bender**

Top Bid - Mike Gardner  
- \$700  
2nd Bid - Danny Rosenthal  
- \$600

**LOT 214-VICKERS hydraulic  
unit**

Top Bid - Ed Fogard - \$620  
2nd Bid - Jerry Houston -  
\$600

**LOT 202-LANGE M1 pipe bender**

Top Bid - Danny  
Rosenthal - \$140  
2nd Bid - Ted Carroll -  
\$130

**LOT 215-VICKERS 5hp hydraulic  
unit**

Top Bid - Mike Gardner -  
\$475  
2nd Bid - Ted Carroll -  
\$450

**LOT 205-BRIDGEPORT milling  
machine**

Top Bid - Ed Fogard - \$500  
2nd Bid - Mike Gardner -  
\$300

**LOT 220-VICKERS 3hp hydraulic  
unit**

Top Bid - Ed Fogard - \$300  
2nd Bid - Cathy Stanford -  
\$280

200

**FIG. 14A**

<b>LOT 206-AUTOSTART pedestal grinder</b>	<b>LOT 221-OILGEAR 3hp hydraulic unit</b>
Top Bid - Danny Rosenthal	Top Bid - Jerry Houston -
- \$100	\$320
2nd Bid -	2nd Bid - Danny Rosenthal -
	\$300
<b>LOT 207-JET 10" pedestal grinder</b>	<b>LOT 222-MARVEL band saw</b>
Top Bid - Jerry Houston -	Top Bid - Ed Fogard - \$180
\$150	2nd Bid - Jerry Houston -
2nd Bid - Danny Rosenthal	\$170
- \$125	
<b>LOT 208-WILTON 20" drill press</b>	<b>LOT 223-ARCAIR cutting system</b>
Top Bid - Ted Carroll -	Top Bid - Cathy Stanford -
\$200	\$250
2nd Bid -	2nd Bid - Ted Carroll -
	\$225
<b>LOT 210-STERLING drill bit set</b>	<b>LOT 224-QUINCY air compressor</b>
Top Bid - Cathy Stanford -	Top Bid - Danny Rosenthal -
\$75	\$290
2nd Bid - Danny Rosenthal	2nd Bid - Ted Carroll -
- \$50	\$280
<b>LOT 235-\$500 LOT 236-\$300 LOT 236-\$320 LOT 240-\$1220 LOT 229-\$50 ...</b>	
<b>THIS SEGMENT CLOSSES IN 5 MINUTES.</b>	
<b>PAGE 1 OF 2</b>	

BidPath.com logo goes here		Additional logo goes here	
		222	<b>TOP 10 HOT LIST</b>
1	<b>LOT 201-LANGE UGM63 pipe bender</b> Top Bid - Mike Gardner - \$700 224 2nd Bid - Danny Rosenthal - \$600		
2	<b>LOT 214-VICKERS hydraulic unit</b> Top Bid - Ed Fogard - \$620 2nd Bid - Jerry Houston - \$600		
3	<b>LOT 200 - JANZEN 3" belt sander</b> Top Bid - Cathy Stanford - \$520 2nd Bid - Jerry Houston - \$500		
4	<b>LOT 220-VICKERS 3hp hydraulic unit</b> Top Bid - Ed Fogard - \$300 2nd Bid - Cathy Stanford - \$280		
5	<b>LOT 221-OILGEAR 3hp hydraulic unit</b> Top Bid - Jerry Houston - \$320 2nd Bid - Danny Rosenthal - \$300		
6	<b>LOT 205-BRIDGEPORT milling machine</b> Top Bid - Ed Fogard - \$500 2nd Bid - Mike Gardner - \$300		
7	<b>LOT 213-CAROLINA hydraulic press</b> Top Bid - Ed Fogard - \$500 2nd Bid - Mike Gardner - \$450		
8	<b>LOT 215-VICKERS 5hp hydraulic unit</b> Top Bid - Mike Gardner - \$475 2nd Bid - Ted Carroll - \$450		

220

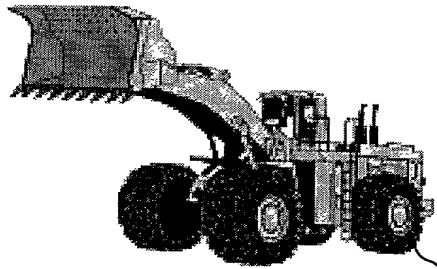
**FIG. 15A**

8	<b>LOT 215-VICKERS 5hp hydraulic unit</b> Top Bid - Mike Gardner - \$475  2nd Bid - Ted Carroll - \$450
9	<b>LOT 223-ARCAIR cutting system</b> Top Bid - Cathy Stanford - \$250  2nd Bid - Ted Carroll - \$225
10	<b>LOT 224-QUINCY air compressor</b> Top Bid - Danny Rosenthal - \$290  2nd Bid - Ted Carroll - \$280

**LOT 235-\$500 LOT 236-\$300 LOT 236-\$320 LOT 240-\$1220 LOT 229-\$50 ...**  
**THIS SEGMENT CLOSSES IN 5 MINUTES.**  
**PAGE 1 OF 1**

220

**FIG. 15B**

**LOT 221- John Deere Bull Dozer**  
  


Bright yellow 1989 John Deere  
bull dozer  
  
in excellent condition. Big black  
tires and a huge shovel. Every man's  
dream.

230

232

234

Top Bid: Danny Rosenthal \$2500

2nd Bid: Ed Fogard \$2400

236

**LOT 235-\$500 LOT 236-\$300 LOT 236-\$320 LOT 240-\$1220 LOT 229-\$50 ...**  
**THIS SEGMENT CLOSSES IN 5 MINUTES.**  
**PAGE 1 OF 15**

**FIG. 16**



**FIG. 17**

Next Item:   ~ 253

251  
Item Start:  ~ 252

Item#:  ~ 254

Name:  ~ 256



~ 258

250

Short Description:

~ 260

Appraised:  ~ 262

**FIG. 18**

271  
Current Item:

Item End:  ~ 272

Item#:  ~ 274

Name:  ~ 276



~ 278

270

Short Description:

~ 280

Appraised:  ~ 282

Current Bid:  ~ 284

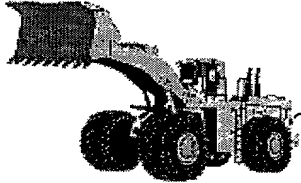
Asking Price:  ~ 286

Bid Increment:  ~ 288

**Last Sold Item:**

Item#: Item 1208 ~ 292

Name: Dozer ~ 294



290

John Deere deluxe front loader. Includes John Deere hat

Short Description:

298

Appraised: \$85,000.00 ~ 300

Sold For: \$91,000.00 ~ 302

Sold To: Jim Young ~ 304

**FIG. 19**

**Current Bidders:**

Name: ~ 312

Bid Amount: ~ 314

Deposit: ~ 316

Joe McBob
Slim Whitman
Boxcar Willie

650.00
625.00
600.00

300.00
200.00
400.00

310

**FIG. 20**

### Overall Schedule: Sold 6 of 30 items

Item #:	Item Name:	Start:	End:	Description:
406	Dining Set	10:00	5 minutes	Chairs, tables
407	Antique Stuff	After Lot 406	5 minutes	Antiques, Etc.
409	Beanie Babies 1	After Lot 407	1 min after last bid	misc. Beanie bears

322 324 320 326 **FIG. 21** 328 330

<u>Site</u>	<u>Round Trip</u>	<u>Throughput</u>
<u>www.bidpath.com</u>	<u>124ms</u>	
<u>www.netscape.com</u>	<u>163ms</u>	
<u>www.ebay.com</u>	<u>145ms</u>	
<u>www.cambridge.edu</u>	<u>221ms</u>	
<u>www.activestate.com</u>		<b>4.0 Kb/s</b>
<u>Average</u>	<u>163.25ms</u>	

340

**FIG. 22**

$$N\text{Packets} = 1,048,576 / 1,500$$

$$N\text{Packets} \sim 699$$

$$\text{TotalRoundTrip} = 699 * 140\text{ms}$$

$$\text{TotalRoundTrip} = 97.860\text{s}$$

$$\text{Total Transmission Time} = 1,048,576 * 8 / 56,000$$

$$\text{Total Transmission Time} \sim 149\text{s}$$

$$\text{Total Time} \sim 98\text{s} + 149\text{s} = 247$$

$$\text{KB/Sec} = 1024 / 247\text{s}$$

$$\text{KB/Sec} = 4.15$$

**FIG. 23**

350

```
<MESSAGES>
  <MESSAGE
AUTH="29cjc02347908fj%4353987">
  <BID ITEM="120"
AMOUNT="120.50">
  <AGENT TYPE=1
LIMIT="130" />
  </BID>
  </MESSAGE>
</MESSAGES>
```


360



**FIG. 24**

```
<MESSAGES>
  <MESSAGE ENCR=1>
... Base 64 Encrypted Message Goes Here...
  </MESSAGE>
</MESSAGES>
```

370



**FIG. 25**

```

<!ELEMENT Record (Name, BidderID, Address, Phones,
Fax?, Email?,
Payment) >
<!ATTLIST Record
    Type (new, change) #IMPLIED >

<!ELEMENT Name (Honor?, First, Middle?, Last?, Suffix?
) >
<!ELEMENT Honor    #PCDATA >
<!ELEMENT First    #PCDATA >
<!ELEMENT Middle   #PCDATA >
<!ELEMENT Last     #PCDATA >
<!ELEMENT Suffix   #PCDATA >

<!ELEMENT BidderID (UserID, Password) >
<!ELEMENT UserID    #NMTOKEN >
<!ELEMENT Passwd    #NMTOKEN >

<!ELEMENT Address (Line1, Line2?, City, State, Code?,
Country?) >
<!ELEMENT Line1     #PCDATA >
<!ELEMENT Line2     #PCDATA >
<!ELEMENT City      #PCDATA >
<!ELEMENT State     #PCDATA >
<!ELEMENT Code      #PCDATA >
<!ELEMENT Country   #PCDATA >

<!ELEMENT Phones    (Phone)* >
<!ELEMENT Fax       (Phone)? >
<!ELEMENT Phone (Ccode?, Acode?, Prefix, Digits,
Exten?)+ >
<!ATTLIST Phone
    TimeZone NUMBER #IMPLIED >
<!ELEMENT CCode     NUMBER >
<!ELEMENT ACode     NUMBER >
<!ELEMENT Prefix    NUMBER >
<!ELEMENT Digits    NUMBER >
<!ELEMENT Exten     NUMBER >

<!ELEMENT Email     #PCDATA >

<!ELEMENT Payment (PMethod)+ >
<!ATTLIST Payment
    Default (yes, no) #IMPLIED >
<!ELEMENT PMethod (Cash | CCard | Account) >
<!ELEMENT Cash     EMPTY >
<!ELEMENT CCard    EMPTY >
<!ATTLIST CCard

```

**FIG. 26**